

IN THE ABSTRACT:

Please DELETE the Abstract in its entirety and substitute the attached new Abstract.

A method for reducing the particulate emissions containing carbon of diesel motors uses surface discharges to regenerate a filter. An appropriate wall flow filter is configured from alternately closed longitudinal channels. The electrodes are embedded in the filter material and are thus protected from erosion. Two electrodes are sufficient for selectively generating the surface discharges in the inlet channel of the wall flow filter as a result of a suitable geometric arrangement.